ABSTRACT

The memory of the optical line terminal (OLT) of a broadband passive optical network (BPON) is increased to store, in addition to an

5   active identity number, such as the serial number, of the current optical network terminal (ONT) connected to a network end point, a standby identity number, such as the serial number, of a replacement optical network terminal (ONT) when upgrades are requested by the end users, or partial or total failures are reported by the end users.

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